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DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

FREQUENCY DOMAIN VARIOGRAM COMPUTATION AND MAPPING

the specification of which is attached hereto unless the following box is checked:

was filed on 7/23/2001 as United States Application Number or PCT International Application Number 09/911,287 and was amended on (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)	Priority Claimed
<hr/> <u>(Number) (Country)</u>	/ / D/ M / YR FILED <input type="checkbox"/> YES <input type="checkbox"/> NO
<hr/> <u>(Number) (Country)</u>	/ / D/ M / YR FILED <input type="checkbox"/> YES <input type="checkbox"/> NO

I hereby claim the benefit under Title 35, United States Code, section 119(e) of any United States provisional application(s) listed below

60/221,462 07/26/2000

(Application Number) (Filing Date)

(Application Number) (Filing Date)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became the filing date of the prior application and the national or PCT international filing date of this application:

(Application Number) abandoned	(Filing Date)	(status -- patented, pending)
(Application Number) abandoned	(Filing Date)	(status -- patented, pending)

I hereby appoint the following attorney(s) and/or agents(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

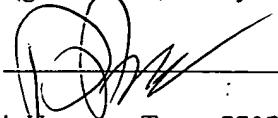
John H. Bouchard, #29,286 and John J. Ryberg, #31,134 and Dale Gaudier #28,213

I hereby request that all correspondence, notices, official letters and other communication be directed to: GeoQuest, a division of Schlumberger Technology Corporation, ATTN: J. H. Bouchard, Patent Counsel, 5599 San Felipe, Suite 1700, Houston, Texas 77056-2722 and that all telephone calls be directed to: John H. Bouchard, at (713) 513-2515, c/o GeoQuest, 5599 San Felipe, Suite 1700, Houston, Texas 77056-2722

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of First inventor (given name, family name) PETER P. VAN BEMMEL

First Inventor's Signature



Date 8/20/01

Residence: 615 Marshall, Houston, Texas 77006 RB

Citizenship: USA

P.O. Address: 615 Marshall, Houston, Texas 77006 RB

[XXX] Additional inventors are being named on separately numbered sheets attached hereto.

Full name of Second inventor (given name, family name) **FENG P. RUAN**

Second Inventor's Signature _____ Date _____

Residence: Benneches Gate 2, 0169 Oslo, Norway Citizenship: USA

P.O. Address: Benneches Gate 2, 0169 Oslo, Norway



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Prior Foreign Application(s)

Priority Claimed

(Number) (Country) / / D/ M / YR FILED [] YES [] NO

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John H. Bouchard, #29,286 and John J. Ryberg, #31,134 and Dale Gaudier #28,213

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Full name of First inventor (given name, family name) **PETER P. VAN BEMMEL**

First Inventor's Signature _____ Date _____

Residence: 615 Marshall, Houston, Texas 77076

Citizenship: USA

P.O. Address: 615 Marshall, Houston, Texas 77076

[XXX] Additional inventors are being named on separately numbered sheets attached hereto.

Full name of Second inventor (given name, family name) FENG P. RUAN

Second Inventor's Signature Feng P Ruan Date Aug 28, 2001

Residence: Benneches Gate 2, 0169 Oslo, Norway

Citizenship: USA

P.O. Address: Benneches Gate 2, 0169 Oslo, Norway